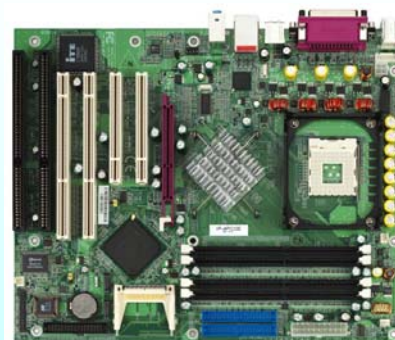


IP-4PCI2E

Socket 478 ATX Board for Pentium® 4 / Celeron™ Processor with Gigabit LAN / Audio / SATA / CF

Key-point:

- > Socket 478 for Intel® Pentium® 4 / Celeron™ processor, up to 3.2GHz
- > Intel® 875P chipsets + 6300ESB, 533 / 800 MHz FSB
- > Memory support 333 / 400 MHz DDR with ECC, up to 4GB
- > Support 10 / 100 / 1000 Base-TX Ethernet
- > AC97 Audio Codec, 4 x USB2.0 ports, 2 x COM ports, 2 S-ATA ports, CF socket
- > 1 x AGP, 2 x PCI-X, 2 x PCI, 2 x ISA Slots
- > WatchDog timer & Hardware monitoring function



Preliminary Specifications:

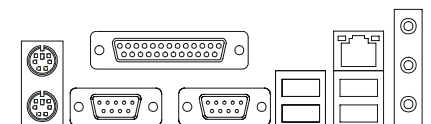
- ◎ **Processor:**
 - * Support socket 478 Intel® Pentium® 4 / Celeron™ processor
 - * Up to 3.2GHz
- ◎ **Core Logic:**
 - * Intel® 875P + 6300ESB chipsets
- ◎ **BIOS:**
 - * Award BIOS
- ◎ **Front Side Bus Speed:**
 - * 533 / 800 MHz
- ◎ **Memory:**
 - * Four 184-pins DIMM, support 4GB DDR333 / 400 SDRAM (max.)
 - * Support ECC
- ◎ **Gigabit LAN Controller:**
 - * Intel® 82547GI Gigabit LAN, for 10 / 100 / 1000 Base-TX Ethernet
- ◎ **Onboard IDE:**
 - * Two EIDE channels for PIO mode, DMA mode
 - * Support four ATA-100 / 66 / 33 IDE devices
- ◎ **Multi I/O:**
 - Onboard Winbond® W83627HF chip, support:
 - * 1 x IrDA by 5-pins pin-header
 - * 1 x Floppy port by pin-header
 - * 1 x SPP / EPP / ECP parallel port
 - * 2 x COM ports for RS-232
 - * CompactFlash™ type II socket
- ◎ **Keyboard / Mouse Connector:**
 - * Staked connector for PS/2 type keyboard / mouse
 - * 1 x 6-pins connector for external keyboard / mouse
- ◎ **Audio:**
 - * AC97 Audio Codec
- ◎ **Onboard Serial ATA:**
 - * Two S-ATA ports, support data transfer rates up to 150MB/s
- ◎ **USB:**
 - * Support 4 x USB2.0 ports, two USB ports on rear panel
 - * 2 x USB ports by pin-header, optional USB cable with bracket
- ◎ **WatchDog Timer:**
 - * 256 Levels software programmable
- ◎ **Hardware Monitoring:**
 - * Winbond® W83627HF chip, monitoring for CPU and system temperature, voltage and fan speed
- ◎ **Extension slot:**
 - * 1 x AGP8X slot
 - * 2 x PCI-X slots
 - * 2 x PCI slots
 - * 2 x ISA slots
- ◎ **Environments:**
 - * Operation temperature: 0°C to 60°C (32° F to 140° F)
 - * Storage temperature: -20°C to 80°C (-68° F to 176° F)
 - * Relative humidity: 10% to 90% (Non-Condensing)
- ◎ **Certification:**
 - * CE, FCC pre-scan approval
- ◎ **Form Factor:**
 - * ATX form factor 12" x 9.6" (305mm x 245mm)

*Specification is subject to change without prior notice

Ordering Information:

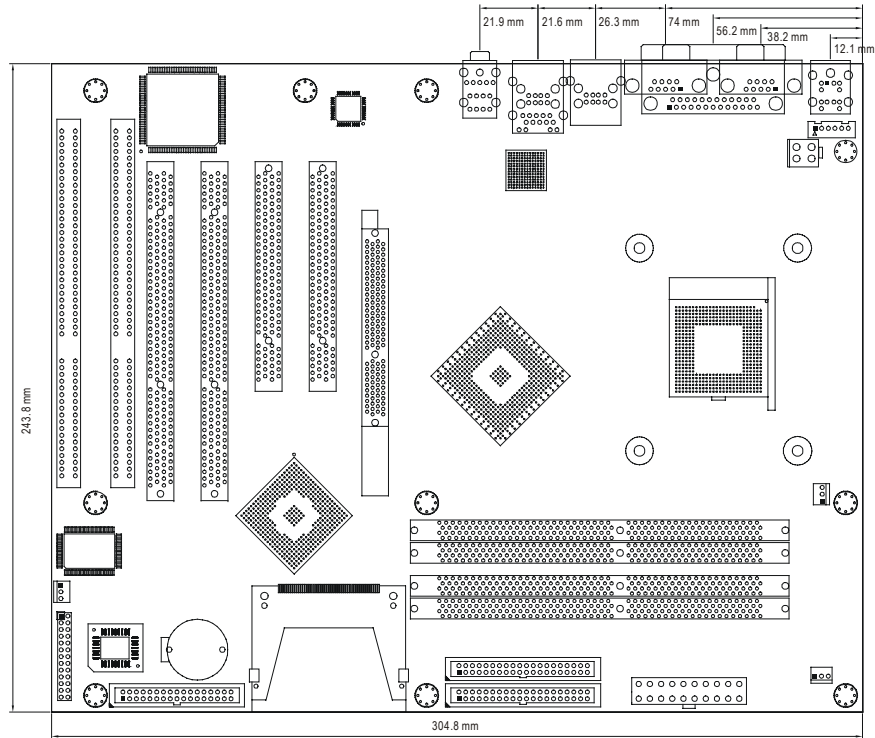
Model No.	Position	Support VGA	Support Gigabit LAN	Support Audio	Support S-ATA	Support AGP/PCI-X/PCI/ISA
IP-4PCI2E	Standard Product	----	Yes	Yes	Yes	1 / 2 / 2 / 2

I/O Shield Layout



IP-4PCI2E

Mechanical Drawing:



Block Diagram:

